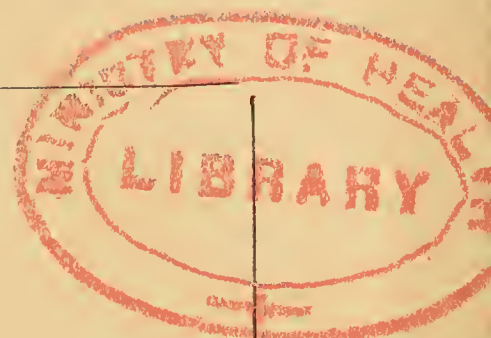


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BOROUGH OF MORLEY

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR ENDED DECEMBER 31st, 1941

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BOROUGH OF MORLEY

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR ENDED DECEMBER 31st, 1941

BOROUGH OF MORLEY.

MEMBERS OF THE HEALTH COMMITTEE.

(As at present constituted).

The Mayor (Alderman David Dickinson).

Chairman—Councillor J. Askey J.P.

Deputy-Chairman—Councillor Mrs. J. P. Fraser.

Aldermen :—

A. Booth.

E. Marsden.

H. Smith.

A. Wilson.

Councillors :—

W. B. Hepworth.

S. Wigoder, M.A., M.D

M. M. Watson.

B. Hall.

T. B. Ellison.

J. Tunstall.

R. W. Pumphrey.

J. Kemp.

Mrs. L. Ward.

Maternity and Child Welfare Sub-Committee :—

The Members of the Health Committee.

The Mayoress (Mrs. D. Dickinson).

The Deputy Mayoress (Mrs. W. B. Hepworth).

Morley Hall Maternity Home—House Sub-Committee :—

The Chairman and Deputy-Chairman of the Health Committee.

The Lady Members of the Maternity and Child Welfare
Sub-Committee.

JOINT MEDICAL SERVICES COMMITTEE.

(As at present constituted).

Seven members of the Public Health Committee together with
seven members of the Education Committee.

The Mayor (Alderman David Dickinson).

Chairman—Alderman A. Booth.

Deputy-Chairman—Councillor A. Jowett.

Aldermen : —

H. Smith.

J. Lassey.

Councillors : —

J. Askey.

J. S. R. Whitling.

Mrs. Fraser.

J. Kemp.

Mrs. Ward.

J. Rhodes.

W. B. Hepworth.

R. Haworth.

B. Simpson.

The Mayoress (Mrs. D. Dickinson).

PUBLIC HEALTH DEPARTMENT STAFF.

Medical Officer of Health Medical Superintendent of the
Isolation Hospitals and of the Maternity Home:—

Frederick G. E. Hill, D.S.O., M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health (part-time):—

W. T. Clarke, M.R.C.S., L.R.C.P.

Dental Surgeon:—

H. J. Eagleson, L.D.S

Chief Sanitary Inspector:—

Frederick J. R. Batten, M.R.S.I., M.S.I.A.

Sanitary Inspectors:—

Harold N. Roberts.

Frank G. Sugden, M.R.S.I., M.S.I.A.

William A. Beere, M.R.S.I., M.S.I.A.

Matron, Bruntcliffe and Grange Isolation Hospitals:—

†Miss E. Reid.

Matron, Morley Hall Maternity Home:—

*†Miss P. Duerden.

Health Visitors:—

*Miss Edith Maxwell, A.R.S.I.

†*†Miss Sarah Chapman.

†*Miss Evelyn Willingham-Wells.

†*Miss Nellie Richardson.

Clerks:—

xErnest Myers.

xMiss M. Burland.

Miss Kathleen Lamb.

Clerks, Temporary Staff:—

Miss M. Harrison.

Miss K. Gray.

Mrs. J. Sharp.

Miss C. Openshaw.

Leslie Schofield.

x Serving with H.M. Forces or Nursing Services and not at
present employed in the Department.

† State Registered Nurse

* State Certified Midwife.

‡Health Visitor's Certificate.

EXTRACTS FROM THE VITAL STATISTICS FOR THE YEAR 1941.

Resident Population :—37,910.

Live Births :—

	Males.	Females.	Total.
Legitimate	263	263	526
Illegitimate	8	14	22
	<hr/>	<hr/>	<hr/>
	271	277	548
	<hr/>	<hr/>	<hr/>

Birth-Rate (Registrar-General) ... 14.46

Still Births :—

	Males.	Females.	Total.
Legitimate	12	10	22
Illegitimate	1	1	2
	<hr/>	<hr/>	<hr/>
	13	11	24
	<hr/>	<hr/>	<hr/>

Rate per thousand (Live and Still) Births ... 41.8

	Males.	Females.	Total.
<u>Deaths</u>	247	246	493

Death-rate (Registrar-General) ... 13.00

Deaths from Puerperal Causes (Heading 29 and 30 of the Registrar-General's Short List) :—

No. 29—Puerperal and Post-abortion Sepsis...	0
Rate per 1,000 (Live and Still Births)...	0.0
No. 30—Other Maternal Causes	2
Rate per 1,000 (Live and Still Births)...	3.5

Maternal Death-rate (per 1,000 Live and Still Births) 3.5

Death of Infants under One Year:—

	Males.	Females.	Total.
Legitimate	15	19	34
Illegitimate	1	2	3
	<hr/>	<hr/>	<hr/>
	16	21	37
	<hr/>	<hr/>	<hr/>

Infantile Mortality Rate:—

All Infants per 1,000 live births	67.27
Legitimate Infants per 1,000 legitimate live births	64.4
Illegitimate Infants per 1,000 illegitimate live births	13.6
Deaths from Cancer (all ages)	71
Deaths from Measles (all ages)	0
Deaths from Whooping Cough (all ages)	8
Deaths from diarrhœa (all ages)	2
Deaths from Diphtheria (all ages)	3
Death-rate—Pulmonary Tuberculosis	0.24
„ Other forms of Tuberculosis	0.11
„ Diarrhœa (under 2 years)	0.05
„ Cancer	1.87
„ Measles	0.00
„ Whooping Cough	0.21
„ Scarlet Fever	0.00
„ Diphtheria	0.08
„ Pneumonia, Bronchitis	1.32
No. of cases notified as Scarlet Fever	35
„ „ Diphtheria	52
„ „ Enteric Fever	3
„ „ Pulmonary Tuberculosis ...	20
„ „ Other forms of Tuberculosis	10
„ „ Pneumonia	46
„ „ Erysipelas	14
„ „ Puerperal Pyrexia	3
„ „ Cerebro-spinal Fever	16
„ „ Dysentery	11
„ „ Ophthalmia Neonatorum ...	2

ANNUAL REPORT OF THE MEDICAL OFFICER
OF HEALTH FOR THE YEAR ENDED
DECEMBER 31st, 1941.

To the Chairman and Members of the Health Committee.

I have the honour to present to you the Medical Officer's Report for the year ended December 31st, 1941.

The Report is an abridged report prepared in accordance with the Instructions of the Ministry of Health.

I have the honour to be,

Your obedient servant,

FREDERICK G. E. HILL,
Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

General Statistics, 1941 :—

Area	9,529 acres
Population (1931 census)	39,722
Population (Registrar-General, Mid 1941)	37,910
Number of inhabited houses (1931 census)	11,008
Number of inhabited houses (end of 1941, according to rate books)	13,108
Number of families or separate occupiers (1931 census)	11,092
Sum represented by a Penny Rate	£661
Rateable value	£178,743

LABORATORY FACILITIES.

Public Health Laboratory, West Riding County Council,
Wakefield.

Sambles Submitted :—

Swabs—Examination for B. Diphtheria	142
Swabs—Examination for Haemolytic Streptococcus ...	68
Urine for B. Typhosus, etc.	4
Faeces for B. Typhosus, etc.	5
Blood for agglutination test	1
Milk samples submitted for bacteriological examination from this Department	127
Water samples	33
Bath water samples	8
Water samples submitted for examination under arrangements made by the Waterworks Committee to the Laboratory of Messrs. H. T. Lea and Mallinder, Halifax	204
Samples of emergency water supplies for chemical examination by Messrs. Richardson and Jaffe, Bradford	18

AMBULANCE FACILITIES.

- (1) General Accident and Sickness.
- (2) Maternity Cases .
- (3) Infectious Cases.

No change from the arrangement described in Annual Report for 1938.

NURSING IN THE HOME.

The arrangements previously described continue without change.

This Local Authority made grants in 1941 as follows:—

	£	s.	d.
Morley Nursing Association	15	0	0
West Ardsley Nursing Association	5	0	0
Thorpe and Ardsley Nursing Association ...	5	0	0
Drighlington Nursing Association	5	0	0
	<hr/>		
	£30	0	0
	<hr/>		

TREATMENT CENTRES AND CLINICS, INCLUDING CLINICS SOLELY FOR DIAGNOSIS OR CONSULTATION.

Infant Welfare Centres:—

The Town Hall, Morley.

Monday, 2-30—5-0 p.m.—Infants.

Wednesday, 2-30—5-0 p.m.—Toddlers.

The Methodist Schoolroom, The Falls, East Ardsley.

*Tuesday, 2-30—5-0 p.m.—Infants and Toddlers.

No. 1, Syke Lane, West Ardsley.

*Thursday, 2-30—5-0 p.m.—Infants and Toddlers.

The Wesleyan Methodist Schoolroom, Drighlington.

*Friday, 2-30—5-0 p.m.—Infants and Toddlers.

The Council Offices Gildersome.

*Wednesday, 2-30—5-0 p.m.—Infants and Toddlers.

*Combined with a School Clinic Session.

Return of attendances—Infants and Toddlers Welfare.

Total number of Centres provided and maintained by the Council	6
--	---

Total attendances at all Centres during the year :—

(1) By children under 1 year of age	4622
(2) By children between the ages of 1 and 5 years ...	3676

Total number of children who first attended at the Centres during the year and who, on the date of their first attendance were :—

(1) Under 1 year of age	427
(2) Between the ages of 1 and 5	73

Total number of children first attending at the Centres during 1941 and who, at the end of the year, were under 1 year of age	207
---	-----

Percentage of total notified births, 1941, represented by this figure	38.0
---	------

STATISTICS OF ATTENDANCES AT THE VARIOUS INFANT WELFARE CENTRES.

Morley Infant Welfare.

Total attendances, 1941 :—

(1) Children under 1 year	1889
(2) Children between the ages of 1 and 5 years	689

Total	2578
-------------	------

Average attendance per session	53
--------------------------------------	----

Children attending for the first time in 1941 and at the date of their first attendance were :—

(1) Under 1 year of age	154
(2) Between the ages of 1 and 5 years	20

Total	174
-------------	-----

Morley Toddlers' Clinic.

Total attendances, 1941 :—

(1) Children under 1 year	652
(2) Children between the ages of 1 and 5 years	726

Total	1378
-------------	------

Average attendance per session	26
--------------------------------------	----

Children attending for the first time in 1941 and at the date of their first attendance were:—

(1) Under 1 year of age	61
(2) Between the ages of 1 and 5 years	20

Total	81
-------------	----

East Ardsley Infant Welfare.

Total attendances, 1941 :—

(1) Children under 1 year	649
(2) Children between the ages of 1 and 5 years	702

Total	1351
-------------	------

Average attendance per session	27
--------------------------------------	----

Children attending for the first time in 1941 and at the date of their first attendance were:—

(1) Under 1 year of age	68
(2) Between the ages of 1 and 5 years	4

Total	72
-------------	----

West Ardsley Infant Welfare.

Total attendances, 1941 :—

(1) Children under 1 year	612
(2) Children between the ages of 1 and 5 years	435

Total	1047
-------------	------

Average attendance per session	21
--------------------------------------	----

Children attending for the first time in 1941 and at the date of their first attendance were:—

(1) Under 1 year of age	52
(2) Between the ages of 1 and 5 years	17
	<hr/>
Total	69
	<hr/>

Drighlington Infant Welfare.

Total attendances, 1941:—

(1) Children under 1 year	620
(2) Between the ages of 1 and 5 years	457
	<hr/>
Total	1077
	<hr/>

Average attendance per session 22

Children attending for the first time in 1941 and at the date of their first attendance were:—

(1) Under 1 year of age	38
(2) Between the ages of 1 and 5 years	9
	<hr/>
Total	47
	<hr/>

Gildersome Infant Welfare.

Total attendances, 1941:—

(1) Children under 1 year	800
(2) Between the ages of 1 and 5 years	637
	<hr/>
Total	1437
	<hr/>

Average attendance per session 27

Children attending for the first time in 1941 and at the date of their first attendance were:—

(1) Under 1 year of age	54
(2) Between the ages of 1 and 5 years	3
	<hr/>
Total	57
	<hr/>

DRIED MILK, ETC., ISSUED AT INFANT WELFARE CENTRES.

A statement of the sales and free and half-price issues of Dried Milk, etc., is given below:—

Infants and Children under 5 years of age.

Sales at full cost:—

Ambrosia Dried Milk	4437 one lb. packets
Chocolate Milk	249 one lb. packets
Lactogen Dried Milk	468 one lb. packets
Virol	1864 four oz. cartons
Virolax	873 four oz. cartons
Nestrovite (Tablets)	10264 tablets
Maltoline (Liquid)	148 half lb. tins
Virol and Milk	13 one lb. packets
Glucose	55 four oz. cartons
Malt and Cod Liver Oil	965 one lb. cartons
Modilac	72 one lb. packets
Cod Liver Oil	420 six oz. bottles
Nestrovite	191 tubes
Vitaminized Oil	99 six oz. bottles
Vitamin C. Tablets	589 packets

Sales at half cost:—

Ambrosia Dried Milk	270 one lb. packets
Chocolate Dried Milk	35½ one lb. packets
Lactogen Dried Milk	6 one lb. packets
Virol	186 four oz. cartons
Virolax	98 four oz. cartons
Nestrovite (Tablets)	36 tablets
Nestrovite (Liquid)	15 tubes
Maltoline	3 half lb. tins
Glucose	23 four oz. packets
Malt and Cod Liver Oil	150 one lb. cartons
Cod Liver Oil	38 six oz. bottles
Vitaminized Oil	16 six oz. bottles
Vitamin C. Tablets	33 packets

Free Issues :—

Ambrosia Dried Milk	420	one lb. packets
Chocolate Dried Milk	77½	one lb. packets
Lactogen Dried Milk	33	one lb. packets
Virol	612	four oz. cartons
Virolax	141	four oz. cartons
Nestrovite (Tablets)	98	tablets
Nestrovite (Liquid)	26	tubes
Maltoline	21	half lb. tins
Glucose	5	four oz. cartons
Malt and Cod Liver Oil	442	one lb. cartons
Modilac	14	one lb. packets
Cod Liver Oil	107	six oz. bottles
Vitaminized Oil	45	six oz. bottles
Vitamin C. Tablets	64	packets

Expectant and Nursing Mothers.

Sales at full cost :—None.

Sales at half cost :—

Ambrosia Dried Milk	58	one lb. packets
Chocolate Dried Milk	47	one lb. packets
Virol	29	four oz. cartons
Malt and Cod Liver Oil	8	one lb. cartons

Free Issues :—

Ambrosia Dried Milk	184	one lb. packets
Chocolate Dried Milk	53	one lb. packets
Virol	2	four oz. cartons
Malt and Cod Liver Oil	10	one lb. cartons

£ s. d.

Total expenditure by Local Authority on Milk, Dried

Milk, Virol, etc.	780	8	7
Receipts from Sales at full price and half price	692	19	4

 Nett cost to Local Authority £87 9 3

ANTE-NATAL AND POST-NATAL CLINICS :—

For patients booking at Morley Hall Maternity Home :—

Morley Hall Maternity Home :—

Monday, 3-0 p.m.—7-0 p.m.—Ante-natal Clinic.

Friday, 3-0 p.m. onwards—Post-natal Clinic.

For patients booking at other lying-in Institutions or
remaining at home for confinement :—

School Clinic Premises, Commercial Street, Morley—

x Wednesday evening—6-0 p.m.

No. 1, Syke Lane, West Ardsley—

x First and Third Thursday in each month—6-0 p.m.

Wesleyan Schoolroom, Drighlington—

x Second and Fourth Thursdays in each month—6-0 p.m.

x Combined Ante-natal and Post-natal Clinics.

Attendances at the Ante-Natal and Post-Natal Clinics in
1941 are shown below :—

Morley Hall Ante-natal Clinic :—

First attendances	237
Total attendances	1460
Average attendance per session	25

Morley District Ante-natal Clinic :—

First attendances	96
Total attendances	277
Average attendance per session	5.3

West Ardsley Ante-natal Clinic :—

First attendances	41
Total attendances	96
Average attendance per session	4

Drighlington Ante-natal Clinic :—

First attendances	39
Total attendances	105
Average attendance per session	4.6

All Ante-natal Clinics (shown above):—

First attendances	413
Total attendances	1938
Average attendance per session	12.8
Percentage of total notified births (live and still) represented by the number of women attending the clinics during 1941	79
Morley Hall Post-natal Clinic:—	
Patients attended	48
Other Post-natal Clinics:—	
Patients attended	32
	—
Total, all clinics	80
	—

Arrangements have been made for Specialist Consultations, either by arranging a session at the Leeds Maternity Hospital or by individual appointments with Specialists.

During 1941, 4 consultations were arranged in Leeds and 13 were arranged in Morley.

SCHOOL CLINICS.

Morley Central Clinic, Commercial Street, Morley.

Churwell Clinic, Churwell Council School.

No. 1, Syke Lane, West Ardsley.

The Methodist Chapel Schoolroom, East Ardsley.

The Wesleyan Chapel Schoolroom, King Street, Drighlington.

The Council Offices, The Green, Gildersome.

Consultant Eye Clinics:—

Morley Central Clinic.

Consultant Ophthalmic Surgeon:—

Mr. Walter Kiep, M.B., Ch.B., D.O.

Consultant Aural Clinic:—

Morley Central Clinic.

Consultant Aural Surgeon:—

Mr. William Appleyard, M.B., B.S., F.R.C.S.

Dental Clinic :—

Morley Central Clinic.

Summary of Clinic Attendances, 1941 :—

Morley Central Clinic	11316
Churwell Clinic	638
East Ardsley Clinic	480
West Ardsley Clinic	525
Gildersome Clinic	659
Drighlington Clinic	510
<hr/>	
Total	14128
<hr/>	

All clinics are available to school-age children and to under-school-age children.

Tuberculosis Dispensary	} See previous Annual Reports.
Venereal Diseases Clinic	
Isolation Hospitals	
Maternity Homes and Hospitals	
General Hospitals	

MATERNITY AND MIDWIFERY SERVICE.

Lying-in Accommodation :—

Morley Hall Maternity Home :—See previous Annual Reports.

Annual statistics relating to Morley Hall Maternity Home :—

(1) Name and address of Institution :—

Morley Hall Maternity Home.

(2) Number of Lying-in Beds :—

8 lying-in ; 1 isolation bed.

(3) Number of ante-natal beds :—

None specially provided. Spare accommodation used when available.

(4) Number of maternity cases admitted during 1941—211.

(5) Number of women treated in 1941 in the beds shown under item (3) above—None.

- (6) Average duration of stay in Institution (patients shown in item 4)—13.1.
- (7) Number of cases delivered by:—
 (a) Midwives 192
 (b) Doctors 17
- (8) Number of cases in which Medical Assistance was sought by a midwife—90.
- (9) Number of cases notified as:—
 (a) Puerperal fever 0
 (b) Puerperal pyrexia 0
- (10) Number of cases of pemphigus neonatorum 0
- (11) Number of cases of ophthalmia neonatorum 0
- (12) Number of cases of slight inflammation of the eyes 0
- (13) Number of maternal deaths 0
- (14) Number of infant deaths:—
 (a) Still-born 5
 (b) Within ten days of birth 3
-
- Total infant deaths 8
-
- (15) Number of cases attended by a Consultant:—
 (a) Infants 0
 (b) Mothers 8
- (16) Number of major operations undertaken:—
 (a) By Consulting Surgeon 4
- (17) Number of minor operations undertaken:—
 (a) By Consulting Surgeon 4
 (b) By Medical Practitioners 10

Admissions to Morley Hall in past 7 years:—

1935	184 cases
1936	205 „
1937	181 „
1938	192 „
1939	166 „
1940	203 „
1941	211 „

The distribution of admissions throughout the year is shown as follows :—

	Admissions.	Provided Bed-days.	Actual Bed-days.
January	17	248	233
February	17	224	207
March	10	248	158
April	20	240	236
May	21	248	310
June	12	240	194
July	23	248	236
August	18	248	232
September	20	240	259
October	21	248	235
November	14	240	232
December	18	248	230

Other Lying-in Accommodation, 1941.

Statement of patients admitted to Lying-in Institutions under arrangements made by the Local Authority, 1941.

Leeds Maternity Hospital :—

Emergency cases admitted	26
Booked cases admitted	7
	—
Total	33
	—

West Riding County Hospital, Staincliffe :—

Emergency cases admitted	3
Booked cases admitted	20
	—
Total	23
	—

Wakefield Maternity Home :—

Emergency cases admitted	0
Booked cases admitted	0
	—
Total	0
	—

Morley Hall Maternity Home:—

Emergency cases admitted	0
Booked cases admitted	211
	<hr/>
Total	211
	<hr/>

Summary of all Lying-in Institutions:—

Emergency cases admitted	29
Booked cases admitted	238
	<hr/>
Total	267
	<hr/>

DISTRICT MIDWIFERY.

Six midwives are allocated to this area by the West Riding County Council. They are under the supervision of the Medical Officer of Health of Morley.

MATERNITY—SPECIALIST SERVICE.

The services of a Consulting Surgeon are available for any patient requiring this assistance. (See previous reports). No recovery of fees is made for Specialist Services.

Summary of Specialist Service, 1941:—

Number of patients referred to Consultant (includes cases in Morley Hall and District cases)	22
Consultations	17
Minor operations	4
Major operations	4x

(x In each case Caesarean Section).

Cost of Specialist Services, Maternity:—

Total cost incurred	£123 18s. 0d.
---------------------------	---------------

DENTAL TREATMENT FOR EXPECTANT AND NURSING MOTHERS.

The Dental Scheme is fully described in the Annual Report for 1938.

Statement of Dental Treatment, 1941:—

Number of Expectant and Nursing Mothers referred to the Dental Surgeon by the Medical Officer	41
Number found to require treatment	41
Number of Patients whose dental treatment was completed in 1941	13

Statement of treatments given:—

(a) Fillings (individual teeth)	7
(b) Extractions (individual teeth)	219
(c) Administrations of general anæsthetics ...	6
(d) No. of patients supplied with dentures ...	12
Estimated cost of Dental Treatment	£70 14s. 6d.
Estimated recovery from patients	£17 12s. 10d.
Estimated nett cost	£53 1s. 8d.

PUERPERAL FEVER AND PYREXIA.

3 cases notified in 1941. (2 patients were admitted to hospital).

Deaths from Puerperal Infection—None.

HOME HELPS.

Domiciliary Home Helps were provided in 2 cases.

MATERNITY OUTFITS.

Provided for Maternity Cases remaining at home.

Statement for 1941:—

Outfits issued free	59
Outfits issued at cost price	80
Total	139

Total cost of outfits provided	£37	4s.	0d.
Costs charged to patients	£20	7s.	6d.
	<hr/>		
Nett cost to Local Authority ...	£16	16s.	6d.
	<hr/>		

INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

No change from previous Annual Reports.

HEALTH VISITORS.

No change in establishment.

Summary of Health Visitors' Work, 1941:—

Visits:—

(1) To expectant mothers—	
(a) First visits	453
(b) Subsequent visits	356
Total visits	— 809
(2) To children under 1 year of age—	
(a) First visits	619
(b) Subsequent visits	1955
Total visits	— 2574
(3) To children between the ages of 1 and 5 years—	
(a) First visits	184
(b) Subsequent visits	3841
Total visits	— 4025
	<hr/>
Total all visits	7408
	<hr/>

CHILD LIFE PROTECTION.

(a) Number of persons on Register, receiving children for reward, end of 1941	3
(b) 1—No. of children registered under the Act	3
2—No. of children registered under the Act in respect of whom action was taken	0
(c) Child Life Protection Visitors (Health Visitors)...	4

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

The general arrangements of the water supply have been fully described in previous Annual Reports.

No works of new supply or improvement beyond necessary repairs and replacements have been carried out in the year under review.

During 1941, the supply has been ample for all requirements and no restriction has been called for on industrial or domestic supplies.

A systematic routine sampling and examination (chemical and bacteriological) of the water supply is carried out, and during 1941 samples were submitted for examination as follows:—

To the West Riding Public Health Laboratory at Wakefield—20 samples.

To the Laboratory of Messrs. Lea and Mallinder, Halifax—204 samples.

In every report, *B. Coli* were reported as absent, and the Reports were uniformly good.

18 samples were submitted for chemical analysis. Reports were satisfactory, but in 5 cases a low pH Value was reported and commented on.

Extensions of water mains, 1941—None.

H. T. Lea and Mallinder.

The Borough Laboratory,
Halifax.

W/V 197

REPORT on the Bacteriological Examination of one sample of Water received on December 18th, 1941.

Sample marked "Windsor House Tap."

Total No. of Micro-organisms per ml. growing on	
Agar at 22°C—3 days	31
Total No. of Micro-organisms per ml. growing on	
Agar at 37°C—2 days	38

Presumptive B. Coli Nil per 100 ml.
 Residual Chlorine present at time of testing at
 the laboratory 0.05 pts per million
 pH Value 6.8
 The condition of the Water is highly satisfactory.

R. MALLINDER.

22nd December, 1941.

H. T. Lea and Mallinder.

The Borough Laboratory,
 Halifax.

W/V 195

REPORT on the Chemical Examination of one sample of
 Water received on December 11th, 1941.

Sample marked "Tower Supply, Engineer's Office."

Chemical Analysis—

Total Solids	10.80	pts. per 100,000
Mineral Matter	7.84	„ „
Chlorine	1.4	„ „
Free Ammonia	0.0040	„ „
Albuminoid Ammonia	0.0020	„ „
Oxygen Absorbed in 4 hrs. at 80°F.	0.049	„ „
Nitrous Nitrogen	Present	
Nitric Nitrogen	0.050	„ „
Temporary Hardness	0.4	degrees
Total Hardness	3.8	„
Permanent Hardness	3.4	„
Lead Present	Nil	
Lead dissolved in 24 hrs.	Nil	
pH Value	6.7	
Free Chlorine	0.05	pts. per million
Colour	Clear and colourless	

The condition of the Water is highly satisfactory.

R. MALLINDER.

17th December, 1941.

2. DRAINAGE AND SEWERAGE.

New provision, 1941—None.

Improvement of existing sewers—None.

Outstanding requirements, drainage and sewerage:—

Gelderd Road.

Tingley Common.

Woodhouse Lane, East Ardsley.

Old Lane, East Ardsley.

Drighlington (including conversion).

Sewage Disposal.

A scheme for the reconstruction of the Main Sewage Disposal Works is in abeyance until the end of the war.

Reports from the West Riding Rivers Board have included complaints of unsatisfactory effluent from the Morley main outfall.

Churwell Works.—The scheme to divert the effluent from these works into the Leeds sewers is in abeyance until after the war.

Rivers and Streams—

Description—See previous report.

Pollution of Rivers and Streams from domestic drainage—

Tanhouse Yard, Churwell.

Gelderd Road, Morley.

Cockersdale, Drighlington.

Benton Beck, Drighlington.

All these houses except those at Benton Beck are the subject of a representation for clearance or of a confirmed Clearance Order.

Closet Accommodation, 1941—

No. of water closets	11950
No. of waste water closets	24
No. of privies	303
No. of pail or tub closets	20
No. of new water closets in old buildings provided in 1941	15
No. of new water closets in new buildings provided in 1941	87

Most of the privies referred to above are in Drighlington. Conversion has been approved by the Local Authority, but the work is now indefinitely postponed.

PUBLIC CLEANSING AND SCAVENGING.

Summarised statistics for the year ended March 31st, 1941, are given below:—

Total weight of refuse collected	13,636 tons
Total weight of refuse tipped	13,636 tons
Total cost of collection and disposal ...	£7,348 12s. 6d.
Income from disposal of salvage, etc. ...	£1,072 16s. 7d.

Nett cost ... £6,275 15s. 11d.

SALVAGE.

The collection of salvage was carried out by the Local Authority. The total value of material salvaged was £1,593 0s. 0d., made up as follows:—

	£	s.	d.
Waste paper	1201	0	0
Tins	42	5	0
Other ferrous metals	19	1	0
Rags, carpets, etc.	113	0	0
Bottles	21	2	0
Bones	15	0	0
Kitchen waste	137	0	0
Non-ferrous metal	44	7	0
	<hr/>		
	£1,593	5	0

SANITARY INSPECTION OF THE AREA.

The following is a statement prepared by the Chief Sanitary Inspector:—

Summary of Nuisances inspected and dealt with during 1941:—

	Found	Abated.
Insufficient refuse accommodation ...	9	39
Accumulation of refuse	3	2
Insanitary water closets	13	17
Insanitary privy middens	0	2
Defective water closets	55	47
Defective urinals	0	1
Defective drainage	45	36
Choked drains and gulleys	51	60
Defective sink waste pipes	12	11
Defective spoutings	22	30
Defective ventilating shafts	1	0
House dilapidation	89	87
Dampness in houses	4	3
Defective roofs	33	40
Defective chimneys	1	1
Insanitary sinks	42	79
Insufficient water supply	2	17
Defective water pipes	10	9
Water in cellars	22	19
Dirty or verminous houses	28	24
House flies	0	4
Rats and mice	33	19
Animals so kept as to be a nuisance...	2	1
Offensive accumulations	10	1
Dilapidated buildings	1	0
Smoke nuisance	0	2
Offensive smells	3	4
Miscellaneous	7	0
	<hr/> 498	<hr/> 555

Total number of visits made in connection with above nuisances	1677
Informal notices served	498
Statutory notices served	36

519 informal notices and 36 statutory notices were complied with. Legal proceedings were commenced in respect of 6 nuisances.

SHOP ACTS, 1934.

Total inspections	51
Informal action taken in respect of—	
Insufficient sanitary accommodation	2
Insufficient washing facilities	6

As a result of informal notices the unsatisfactory conditions were remedied.

SWIMMING BATHS.

Two Public Baths. Bath waters are subjected to continuous filtration and chlorination (chlorine and ammonia).

Turnover period—4 hours.

6 bath water samples were examined in 1941.

4 samples were reported on as satisfactory. Of the remaining 2, 1 contained 18 B. Coli. per 100 ml. and 1, 3 per 100 ml. Unsatisfactory samples coincided with a low chlorine content.

Specimen sample—

Presumptive B Coli.

None in 100 ml. of water.

Chemical examination.

pH value—7.5 (Ministry of Health standard 7.6-8)

No free chlorine present in 1,000,000 parts of water. (Ministry of Health standard 0.2—0.5 parts free chlorine present in 1,000,000 parts of water).

P. L. Sutherland.

24th March, 1941.

(The absence of free chlorine relates to the time of examination at the laboratory and not to the time of taking of the sample).

ERADICATION OF BED-BUGS.

1. (a) Number of Council houses found to be infested
with bed-bugs 4
- (b) Number of Council houses disinfested 4
- (c) Number of other houses found to be infested
with bed-bugs 9
- (d) Number of other houses disinfested 9
2. Method employed for bed-bug disinfestation—
Fumigation with H.C.N.
3. Methods employed for ensuring that the belongings of
tenants are free from vermin before removal to Council
houses—
 - (a) Clearance removal—
Van fumigation with H.C.N., supplemented where
necessary by Steam Sterilisation.
 - (b) Other lettings of Council houses—
As in 3 (a) above if evidence is found of bed-bug
infestation.
4. H.C.N. Disinfestation—Carried out by Contractor.
Steam Sterilization—Carried out by Local Authority.
5. Supervision of Council housing—
 - (a) Health Department, Sanitary Inspectors.
 - (b) Borough Treasurer, Estate Department. Woman
Housing Visitor.

HOUSING.

Table D, included here, gives a summary of the Housing work carried out in 1941.

TABLE D.—HOUSING STATISTICS.

1	Inspection of dwelling-houses during the year—	
(1)	(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	534
	(b) Number of inspections made for the purpose	1728
(2)	(a) Number of dwelling-houses (included under sub-head (1) above), which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	483
	(b) Number of inspections made for the purpose	483
(3)	(a) Number of dwelling-houses needing further action	483
	(b) Number found not to be in all respects reasonably fit for human habitation	402
2	Remedy of defects during the year without service of formal notices—	
	No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	426
3.	Action under Statutory Powers during the year—	
	A—Proceedings under Sections 9, 10 and 16, Housing Act, 1936—	
(1)	No. of dwelling-houses in respect of which notices were served requiring repairs	0
(a)	No. of dwelling-houses which were rendered fit after service of formal notices	0
	(a) by Owners	0
	(b) by Local Authority in default of owners	0

B.—Proceedings under Public Health Acts—

(1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied	32
(2) No. of dwelling-houses in which defects were remedied after service of formal notices	32
(a) by Owners	32
(b) by Local Authority in default of owners	0

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936—

(1) No. of representations, etc., made in respect of dwelling-houses unfit for habitation	0
(2) No. of dwelling-houses in respect of which Demolition Orders were made	0
(3) No. of dwelling-houses demolished in pursuance of Demolition Orders	0

D.—Proceedings under Section 12 of the Housing Act, 1936—

(1) No. of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) No. of separate tenements or underground rooms the Closing Orders in respect of which were determined, the tenement or room having been rendered fit	0

4. Unhealthy Areas.

Housing Acts, Clearance, Postponement of operation.

5. Number of new houses erected during 1941—

(a) By the Local Authority (completion)	87
(b) By private enterprise	0

6. Housing Conditions—

- (1) Total number of houses in the district 13108
- (2) Number of working-class houses included in
above—..... 11242
- (3) General observations as to housing conditions,
overcrowding, and shortage of houses—

The Council had a provisional scheme to demolish 1,250 houses and re-house the displaced tenants in new Council houses. This scheme is postponed.

Replacement of tenants from Clearance Areas continued throughout the year. 33 families were transferred to Council houses.

In view of war conditions, the situation regarding overcrowding cannot be stated with accuracy.

- (4) Any special activity in house building, if so, where?

The Council proceeded with the completion of the following Council Housing Estates—

Wide Lane, Morley.

Hill Top, West Ardsley.

Churwell Park, Morley.

- (5) Any housing scheme projected by the Local Authority, if so, give particulars?

The new Council Houses Provision Schemes referred to in the Report for 1938 are in abeyance.

- (6) Any regulations made in respect of underground sleeping rooms under Section 12, Housing Act, 1936?

None.

7 Town Planning—

- (1) Is the Council a member of any Regional Town Planning Committee. If so, which?

Batley and District Joint Town Planning Committee.

(2) Is a Town Planning Scheme in force for

- (a) The whole of the District—No.
- (b) Part of the District—Yes.

If so, give particulars of scheme.

Applies to part of the District only.

(3) Have Council during 1941 passed a Resolution deciding to prepare a Town Planning Scheme? If so, does it relate to

- (a) Whole District—No.
- (b) Part of District—No.

8. Name and address of Officer designated to make inspections under the Housing Consolidated Regulations—

Frederick G. E. Hill, Medical Officer of Health,
Morley.

9. Has any action been taken to improve the housing conditions of tuberculous families in your District, either by way of building new or special houses or the granting of special facilities for such families to be rehoused? If so, please state action taken.

No official instruction has been given by the Local Authority. Special consideration is given to individual cases in the Borough Treasurer's Department.

10. Housing Act, 1936.—Part IV—Overcrowding.

- (a) (1) No. of dwellings overcrowded at the end of the year (recorded) 142
- (2) No. of families dwelling therein 142
- (3) No. of persons dwelling therein 832
- (b) No. of new cases of overcrowding reported during the year 0
- (c) (1) No. of cases of overcrowding relieved during the year 40
- (2) No. of persons concerned in such cases 211

- (3) No. of cases relieved by transfer to Council houses 32
- (4) No. of cases relieved by occupiers 8
- (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding—None.
- (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.

During the year 1941, improvement has continued, assisted by the completion of those Council Houses under erection at the outbreak of the war.

With the completion of these Council Houses, if no further new building is carried out, the position will deteriorate.

(Signed) FREDERICK G. E. HILL,
Medical Officer of Health.

CLEARANCE AREAS AND PROVISION OF NEW COUNCIL HOUSES.

Referring to the work described in the Annual Report for 1938, progress continues with the completion of the Wide Lane, Hill Top, and Churwell Estates, and as these houses become ready for occupation the transference of tenants from dwellings in confirmed Clearance Areas will proceed.

Demolition has been suspended as from the date of the outbreak of war.

No sanctions have been given for the re-occupation of vacated houses in confirmed Clearance Areas.

INSPECTION AND SUPERVISION OF FOOD.

Statement prepared by the Chief Sanitary Inspector:—

COWSHEDS AND DAIRIES.

Visits of Inspection to Cowsheds	251
Visits of inspection to Milk Dealers	83
Visits of inspection to Dairies	208
Total	542

Formal action taken—None.

Informal action taken—163 cases.

MILK SAMPLING.

	No. of Samples taken.	Satisfactory reports.	Unsatisfactory reports.
Pasteurised	9	7	2
Accredited	20	19	1
Untreated	118	69	49
Tuberculin Tested	1	1	0
	<hr/> 148	<hr/> 96	<hr/> 52

127 of the above samples were taken by Inspectors of this Department and 21 by Inspectors of the Health Department of the West Riding County Council.

8 of the above samples reported to contain tubercle bacilli.

Summary of Milk Dealers on register:—

Cowkeepers	57
Wholesale Dealers	17
Retail Dealers	79
Licensed Producers of "Accredited" Milk	9
Licensed Producers of "Tuberculin Tested" Milk	0
Licensed Producers of Pasteurised Milk	1

MEAT INSPECTION.

Slaughtering in the Borough was discontinued during 1941. Routine inspections were made of meat from the Ministry of Food's Regional Slaughterhouse at the Butchers' Allocation Centre before distribution to the retailers.

The quantity of meat inspected was:—

Quarters of Beef	2280
Sheep and Lambs	994
Swine	1380

In connection with the above, informal action was taken in cases in respect of:—

One Carcase of Mutton.
161 lbs. of Beef.

Inspections were also made of carcases of animals slaughtered under the Ministry of Food's scheme for the slaughter of cottagers' pigs, and of animals slaughtered in emergency.

Action was taken in respect of:—

Carcase of Beef and all offals.
1 Pig's Head.
1 Pig's Mesentery.
7 lbs. Pork.

INSPECTION OF FOOD.

Preparation and Sale, 1941.

Inspections:—

Fried Fish Shops	146
Bakehouses	97
Ice Cream Premises	17
Other Premises	478
	<hr/>
Total	738
	<hr/>

Summary of food found unfit for human consumption :

Oranges	8 cases
Flour	19½ stons
Butter	30½ lbs.
Lard	14 lbs.
Bread	28 loaves
Fish	28 stons
Bacon	60 lbs.
Eggs	448
Cheese	60 lbs.
Beans	112 lbs.
Tongue	3 lbs.
Condensed Milk	145 tins
Preserved Eggs	30 lbs.
Apples	438 lbs.
Tomatoes	48 tins

ADULTERATIONS.

Supervision and Inspection under Food and Drugs Act is undertaken by the West Riding County Council.

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

See under "Milk."

NUTRITION. DISSEMINATION OF KNOWLEDGE OF NUTRITION
AND FOOD VALUE.

See under previous Annual Reports.

Adoption of National Milk Scheme. Ministry of Food.
Adaptation to War Conditions.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Notifications of "Notifiable Infectious Diseases," 1941 :—

Scarlet Fever	35
Diphtheria	52
Typhoid Fever	1
Paratyphoid Fever	2
Pneumonia	46
Puerperal Pyrexia	3
Ophthalmia Neonatorum	2
Dysentery	11
Erysipelas	14
Pulmonary Tuberculosis (new cases)	20
Non-Pulmonary Tuberculosis (new cases)	10
Whooping Cough	269
Measles	111
Cerebro-Spinal Meningitis	16
Total	592

Notifications of "Notifiable Infectious Diseases" included
in preceding table occurring in schoolchildren :—

Scarlet Fever	26
Diphtheria	33
Pneumonia	1
Measles	45
Whooping Cough	83
Pulmonary Tuberculosis	1
Non-Pulmonary Tuberculosis	2
Dysentery	2
Total	193

Notification of Infectious Diseases, received from Head Teachers of Schools:—

Chicken Pox	85
Whooping Cough	44
Measles	30
Mumps	84
	<hr/>
Total	243
	<hr/>

School Attendance—Infectious Diseases.

No low attendance certificates for infectious diseases were given in 1941.

INFECTIOUS DISEASES.

In 1940, a total of 1,089 notifications of notifiable infectious diseases were recorded. In 1941, 492 notifications were recorded.

The increased number of notifications in 1940 was due almost entirely to the large number of cases of measles occurring in this area, 875 cases being notified as compared with 111 in 1941.

On the other hand, 269 cases of Whooping Cough were notified in 1941 as compared with 27 in 1940.

There were fewer cases of Scarlet Fever and rather more cases of diphtheria in 1941 as compared with 1940.

5 cases of cerebro-spinal-meningitis came under observation in 1940, but in 1941, 16 cases were notified. This increase coincided with the general increase of this disease throughout the country in 1941.

11 cases of dysentery were notified. The cases were presumed in each instance to be of the Sonne type, in some cases this diagnosis was confirmed. From information received by inquiry, the disease was more prevalent than is suggested by the figures of notifications.

There is no appreciable increase shown in tuberculosis, pulmonary or non-pulmonary.

ISOLATION HOSPITALS.

Bruntcliffe Lane Isolation Hospital Returns, 1941:—

	Scarlet Fever.	Enteric Fever.	Observa- tion.	Total.
Admissions	8	2	1	11
Deaths	0	0	0	0

Oakwell Hall Isolation Hospital Returns, 1941:—

	Scarlet. Fever.	Diph- theria.	Erysi- pelas.	Typhoid Fever.	Total.
Admissions	7	34	1	1	43
Deaths	0	2	0	0	2

Carr Gate Isolation Hospital Returns, 1941:—

	Scarlet. Fever.	Diph- theria	C.S.M.	Measles.	Whooping Cough.	Total.
Admissions ...	15	17	2	1	1	36
Deaths	0	0	1	0	0	1

Notifiable Diseases (other than Tuberculosis), 1941:—

Diseases.	Total cases notified.	Admitted to Hospital.	Deaths.
Scarlet Fever	35	30	0
Diphtheria	52	51	3
Enteric Fever (inclusive para-typhoid fevers) ...	3	3	0
Puerperal Pyrexia	3	2	0
Pneumonia	46	0	21
Erysipelas	14	1	0
Ophthalmia Neonatorum ...	2	0	0
Cerebro-Spinal Fever	16	14	1
Whooping Cough	269	1	8
Measles	111	1	0

Age Group Incidence and Analysis of Notifiable Diseases.

(See separate table).

AGE GROUP INCIDENCE AND ANALYSIS OF NOTIFIABLE DISEASES.

Disease.	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65+	Total.
Diphtheria ...	0	1	3	3	7	15	15	0	0	1	1	0	52
Scarlet Fever ...	1	2	2	0	3	16	7	0	2	1	1	0	35
Enteric Fever ...	0	0	0	0	0	0	0	0	1	0	1	1	3
Puerperal Pyrexia ...	0	0	0	0	0	0	0	0	2	1	0	0	3
Pneumonia (all forms) ...	7	0	1	4	1	1	3	2	6	2	9	10	46
Erysipelas ...	0	0	0	0	0	0	0	0	1	1	9	3	14
Ophthalmia Neonatorum ...	2	0	0	0	0	0	0	0	0	0	0	0	2
Tuberculosis—													
Pulmonary ...	0	0	0	0	0	0	1	3	10	2	4	0	20
Non-pulmonary ...	0	0	0	0	0	1	1	3	4	1	0	0	10
Dysentery ...	0	0	1	3	0	2	0	0	3	0	2	0	11
Measles ...	4	9	17	17	22	34	5	1	2	0	0	0	111
Whooping Cough ...	19	28	39	43	50	78	7	1	4	0	0	0	269
Cerebro-Spinal Fever ...	1	1	2	4	1	0	0	5	0	1	1	0	16
Totals	34	41	65	74	84	147	39	15	41	10	28	14	592

CANCER.

Total Deaths—Males 32, Females 39, Total 71.

Extended Borough.

	1941	1940	1939	1938	1937	1936	1935	1934
No. of Deaths ...	71	51	63	62	55	38	27	40

Analysis of 58 Deaths shown in :—

Males.		Females.	
Digestive Tract and Associated Organs	12	Digestive Tract and Associated Organs	21
Lung	6	Breast and Uterus	7
Genito-Urinary System	3	Other	3
Other	6		
	<hr/>		<hr/>
	27		31
	<hr/>		<hr/>

Ages at death are shown in the following table :—

	Males.	Females.	Combined.
Age under 30 years	1	0	1
„ 30—39 years	3	1	4
„ 40—49 years	4	1	5
„ 50—59 years	6	7	13
„ 60—69 years	7	11	18
„ 70—79 years	5	8	13
„ 80—89 years	1	3	4

TUBERCULOSIS.

New cases and Mortality during 1941.

Notifications and Deaths from Tuberculosis, 1941 :—

	Notifications.	Deaths.
Pulmonary	20	9
Non-Pulmonary	10	4
	<hr/>	<hr/>
	30	13
	<hr/>	<hr/>

ANALYSIS OF DEATHS OF PERSONS FROM NOTIFIABLE INFECTIOUS DISEASES.

Disease.	North Ward.	Central Ward.	South Ward.	Churwell Ward.	E. & W. Ardsley Wards.		Gilder- some Ward.	Drigh- lington Ward.	Total.
Diphtheria ...	2	1	0	0	0	0	0	0	3
Scarlet Fever ...	0	0	0	0	0	0	0	0	0
Encephalitis									
Lethargica	0	0	0	0	0	0	0	0	0
Cerebro-Spinal Fever	0	0	0	0	1	0	0	0	1
Tuberculosis—									
Pulmonary ...	1	0	3	0	0	2	2	1	9
Non-pulmonary	1	1	0	1	0	1	0	0	4
Pneumonia									
(all forms)	6	2	2	0	6	2	1	2	21
Dysentery	1	0	0	0	0	0	0	0	1
...	11	4	5	1	7	5	3	3	39

OPHTHALMIA NEONATORUM.

CASES			Vision Un- impaired.	Vision Impaired.	Total Blindness.	Death.
NOTIFIED	TREATED					
	At home.	In hospital				
2	2	0	2	0	0	0

VITAL STATISTICS.

POPULATION.

Estimated population of Morley for 1941 :—37,910.

BIRTHS.

484 births were notified in 1941 as compared with 531 in 1940.

Distribution of Notified Births in Wards.

Ward.	Males.	Females.	Total.
Morley North	36	29	65
Morley Central	32	34	66
Morley South	48	55	103
Churwell	15	12	27
East Ardsley	23	29	52
West Ardsley	42	43	85
Drighlington	25	17	42
Gildersome	22	22	44
	<hr/>	<hr/>	<hr/>
	243	241	484
	<hr/>	<hr/>	<hr/>

The Registrar-General's corrected figure for the birth-rate gives 271 boys and 277 girls, a total of 548.

8 boys and 14 girls are recorded as illegitimate.

The corrected birth-rate figure is 14.46 per 1,000.

The corrected birth-rate figure for 1940 was 13.89 per 1,000 and the figures for the past 5 years are :—

1936	14.2
1937 Extended Borough	13.7
1938 ,, ,, 	15.58
1939 ,, ,, 	13.72
1940 ,, ,, 	14.46

The Registrar-General's returns show the following live birth-rates estimated on a population to the middle of 1941:—

England and Wales	14.2
126 County Boroughs and Great Towns (including London)	14.7
148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	16.4
London, Administrative County	8.9

DEATHS.

Ward.	Males.	Females.	Total.
Morley North	47	35	82
Morley Central	32	34	66
Morley South	44	35	79
Churwell	10	5	15
East Ardsley	22	15	37
West Ardsley	26	34	60
Drighlington	32	28	60
Gildersome	22	22	44
	<hr/> 235 <hr/>	<hr/> 208 <hr/>	<hr/> 443 <hr/>

The Registrar-General's corrected figures for the death-rate gives 247 males and 246 females, a total of 493.

The corrected death-rate figure for 1941 is 13.00 per 1,000.

The corrected death-rate figure for 1940 was 14.07 per 1,000 and the figures for the past 5 years are:—

1936	13.2
1937 Extended Borough	13.9
1938 „ „	12.25
1939 „ „	12.92
1940 „ „	14.07

The Registrar-General's returns show the following death-rates estimated on a population to the middle of 1941 :—

England and Wales	12.9
126 County Boroughs and Great Towns (including London)	14.9
148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	13.0
London, Administrative County	16.3

ANALYSIS OF DEATHS OF PERSONS AGED 65 YEARS AND OVER.

Age.	North Ward.	Central Ward.	South Ward	Churwell Ward.	Ardley Ward.		Gilder- some Ward.	Drigh- lington Ward.	Total.
65—69	8	8	6	1	5	11	6	13	58
70—74	8	9	14	2	4	7	8	8	60
75—79	14	14	15	2	3	9	8	9	74
80—84	8	10	5	4	3	4	2	3	39
85—89	1	0	5	0	4	0	3	1	14
90 plus	1	0	0	0	0	0	1	0	2
	—	—	—	—	—	—	—	—	—
	40	41	45	9	19	31	28	34	247
	—	—	—	—	—	—	—	—	—

The following table shows the causes of death in the Borough of Morley for the year 1941.

Morley Municipal Borough, 1941, (civilians only) :—

	Males.	Females.	Total.
1. Typhoid and Para-typhoid Fevers ...	0	0	0
2. Cerebro-spinal Fever	0	1	1
3. Scarlet Fever	0	0	0
4. Whooping Cough	5	3	8
5. Diphtheria	0	3	3
6. Tuberculosis of Respiratory System	5	4	9
7. Other forms of Tuberculosis	2	2	4
8. Syphilitic Disease	1	1	2
9. Influenza	1	4	5
10. Measles	0	0	0
11. Acute Polio-myelitis and Polio- encephalitis	0	0	0
12. Acute Infectious Encephalitis	0	0	0
13. Cancer of Body Cavity and Oesophagus (M), Uterus (F)	2	3	5
14. Cancer of Stomach and Duodenum...	7	9	16
15. Cancer of Breast	0	6	6
16. Cancer of all other sites	23	21	44
17. Diabetes	0	3	3
18. Intra-cranial Vascular Lesions	23	23	46
19. Heart Disease	60	68	128
20. Other diseases of Circulatory System	12	10	22
21. Bronchitis	22	7	29
22. Pneumonia	10	11	21
23. Other Respiratory Diseases	4	3	7
24. Ulcer of Stomach and Duodenum ...	1	0	1
25. Diarrhœa—under 2 years of age ...	0	2	2
26. Appendicitis	1	0	1
27. Other Digestive Diseases	17	10	27
28. Nephritis	6	6	12
29. Puerperal and Post-abortion Sepsis	0	0	0
30. Other Maternal Causes	0	2	2
31. Premature Birth	4	5	9
32. Congenital, Malformations, Birth Injuries, Infantile Disease	5	6	11
33. Suicide	1	2	3
34. Road Traffic Accidents	3	1	4
35. Other Violent Causes	7	3	10
36. All Other Causes	35	27	62
	<hr/> 247	<hr/> 246	<hr/> 593

	Males.	Females.	Total.
Total Deaths of Infants under 1 year ...	16	21	37
Legitimate	15	19	34
Illegitimate	1	2	3
Total Number of Live Births	271	277	548
Legitimate	263	263	526
Illegitimate	8	14	22
Total Number of Live Births, I.M., etc.	271	279	550
Legitimate	263	265	528
Illegitimate	8	14	22
Total Number of Still-births	13	11	24
Legitimate	12	10	22
Illegitimate	1	1	2

RESPIRATORY DISEASE—DEATHS AND DEATH-RATES.

	1937	1938	1939	1940	1941
Deaths	51	46	40	88	57
Death-rate	1.3	1.21	1.02	2.31	1.5

ANALYSIS OF DEATHS FROM RESPIRATORY DISEASES DURING 1941.

	Males.	Females.
Pneumonia (all forms)	10	11
Bronchitis	22	7
Other Respiratory Diseases	4	3
	—	—
	36	21
	—	—

STATISTICS RELATING TO INFANTILE MORTALITY AND CHILD WELFARE.

The Infant Mortality Rate for the year is 67.3 per 1,000 live births. The Infant Mortality Rates for the past five years are shown as:—

1936 ...	31.8	} per 1,000 live births.
1937 ...	44.5	
1938 ...	57.0	
1939 ...	46.3	
1940 ...	40.7	

COMPARATIVE INFANTILE MORTALITY RATE.

England and Wales	59	} per 1,000 live births.
126 County Boroughs and Great Towns, including London	71	
148 Small Towns	56	
London	68	

ANALYSIS OF CAUSES OF DEATH OF ALL INFANTS
UNDER 1 YEAR.

	North Ward.	Central Ward.	South Ward.	Churwell Ward.	E. & W. Ardsley Wards.		Drigh- lington Ward.	Gilder- some Ward.	Total.
Premature Births and Congenital Defects	5	1	2	0	1	1	0	1	11
Diarrhoea	1	0	0	0	0	2	0	0	3
Violent Accident	0	0	1	0	0	0	0	0	1
Other Defined Conditions ...	1	1	1	2	3	3	3	1	15.
	—	—	—	—	—	—	—	—	—
	7	2	4	2	4	6	3	2	30
	—	—	—	—	—	—	—	—	—

CANCER.

Table showing deaths and death-rates for the past five years :—

	1937	1938	1939	1940	1941
Deaths	55	62	63	51	71
Death-rate ...	1.4	1.5	1.6	1.34	1.87

APPENDIX.

ANNUAL REPORT

Of the Medical Officer of Health for the year 1941, for the Borough of Morley in the County of West Riding of Yorkshire, on the administration of the Factory and Workshop Act, 1901, and the Factories Act, 1937 (which superseded the Act of 1901 1st July, 1938).

1.—INSPECTIONS for purposes of provisions as to health.

Including Inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	Inspections (2)	Written Notices. (3)	Occupiers Prosecuted (4)
Factories with mechanical power ...	68	9	0
Factories without mechanical power ...	13	1	0
Other Premises under the Act (including works of building and engineering construction but not including out- workers' premises)	0	0	0
Total	81	10	0

2.—DEFECTS FOUND.

Particulars. (1)	Number of Defects.			Number of defects in respect of which Prosecutions were instituted. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
Want of cleanliness	1	1	—	—
Overcrowding	0	0	—	—
Unreasonable temperature ..	0	0	—	—
Inadequate ventilation ...	0	0	—	—
Ineffective drainage of floors...	0	0	—	—
Sanitary Conveniences	insufficient ...	2	2	—
	unsuitable or defective ...	6	6	—
	not separate for sexes ...	1	1	—
Other offences (not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937) ...	0	0	—	—
Total ...	10	10	—	—

OUTWORK IN UNWHOLESOME PREMISES.

(Section 108 of Act of 1901 ; Section 111 of Act of 1937).

NATURE OF WORK.					Instan- ces.	Notices served.	Prosecu- tions.
()					(2)	(3)	(4)
Wearing Apparel—					none	none	none
Making, etc.							
Cleaning and washing							
Household linen							
Lace, lace curtains and nets							
Curtains and furniture hangings							
Furniture and upholstery							
Electro-plate							
File making							
Brass and brass articles							
Fur pulling							
Cables and chains							
Anchors and Grapnels							
Cart Gear							
Locks, latches and keys							
Umbrellas, etc.							
Artificial flowers							
Nets, other than wire nets							
Tents							
Sacks							
Racquet and tennis balls							
Paper, etc., boxes, paper bags							
Brush making							
Pea picking							
Feather sorting							
Carding, etc., of buttons, etc.							
Stuffed toys							
Basket making							
Chocolates and sweetmeats.							
Cosaques, Christmas crackers, Christmas stockings, etc.							
Textile weaving							
Lampshades							
Total							

FREDERICK G. E. HILL,

Medical Officer of Health.

TABLE C.

YEAR 1941.

BOROUGH OF MORLEY SANITARY DISTRICT.

NUISANCE INSPECTIONS

Total No. of Inspections made in 1941, for Nuisance only—1677.

(Not including Housing Inspections).

Nuisances found in 1941	...	498	Total needing abatement	...	1071
Nuisances in hand, end of 1940	...	573	Total abated during 1941	...	556
Total	..	1071	Outstanding at end of 1941	...	517
Notices served, Informal	...	498	Complied with	...	519
„ „ Statutory	...	36	„ „	...	36
Total number of Summonses or other legal proceedings	...	...		...	6

Regulated Buildings. Trades, &c.	No. in District.	No. on Register.	Total No. of Inspec- tions made.	General Instructions.	Legal Proceed- ings (if any).
Common Lodging Houses ...	0	0	0	—	0
Houses let in Lodgings	2	2	4	Not satisfactory	0
Canal Boats ...	0	0	0	—	0
Knackers' Yards	0	0	0	—	0
Tents, Vans and Sheds	1	1	1	—	0
<i>Offensive Trades :</i>					
Tripe Boilers ...	4	4	8	Satisfactory	0
Fat Melters ...	4	4	8	„	0
Gut Scrapers ...	1	1	2	„	0
Bone Boiler ...	1	1	2	„	0
Soap Boiler ...	1	1	2	„	0

Have the Council declared any other process to be offensive trades?—No.

DRAINAGE AND SEWERAGE.

Particulars of any sewer extensions during 1941—None.

Details of any portion of district still requiring

(a) Sewering—Gelderd Road, Tingley Common, Woodhouse Lane.

(b) Improvement of defective sewers—Bridge Street, Morley, Upper and Lower Churwell.

No. of houses not connected to sewers—487.

SEWAGE DISPOSAL WORKS.

Particulars of any extensions made during 1941—None.

Inadequacy of sewage disposal works?—Main outfall works, Churwell works, Drighlington works.

Any complaints from West Riding Rivers' Board?—Yes. Unsatisfactory effluent.

CLOSET ACCOMMODATION.

No. of privies with open middens—27.

No. of pail or tub closets—20.

„ with covered middens—276.

No. of water closets—11950.

No. of waste water closets—24.

No. of closets, other than Privies, reconstructed during 1941 as w.c.'s—None.

No. of additional Closets provided for old property in 1941 as—(a) w.c.'s—15.
(b) other—0.

No. of Closets constructed in 1941 for new houses—(a) w.c.'s—87.
(b) other—0.

Any special action being taken by Council to secure conversion of privies, waste water closets and pails to W.C. system. If so, what?—Yes. In the Drighlington area where there are many outstanding conversions. The operation of the scheme is now temporarily postponed.

SCAVENGING.

Is public scavenging in operation throughout the whole district?—No.

If not, is it in operation in any part of the area? If so, specify part or parts—Public scavenging is in operation in all the area with the exception of Drighlington. Drighlington is scavenged by private contract.

How is refuse disposed of? 1. Destruction—None. 2. Tipping—100 %
3. Farmers—None.

If tipping is in operation, is it on the controlled system?—Yes.

Total annual cost of collection and disposal of refuse—£6,139.

Particulars of any extension or improvement in the service during the year—
Yes. Considerable increase in the amount of material salvaged.

WATER SUPPLY.

Source of supply—1. Morley Corporation Waterworks.

2. Halifax Corporation Waterworks.

3. Bradford Corporation Waterworks.

By whom distributed?—1. Morley Corporation. 2. Bradford Corporation.

No. of houses on public supply—Practically every home.

Any extension of supply during the year?—None. Only renewals and repairs.

Has supply been satisfactory?—Yes. In quality?—Yes. In quantity?—Yes.

Number of examinations made during the year (a) chemical 18. Result—Good. (b) bacteriological—224. Result—Good.

Have any supplies been restricted or closed, if so, where?—No restrictions were necessary in 1941.

MILK SUPPLY.

No. of Milk samples taken by officers of local authority for analysis under the Food and Drugs Act, 1938—None.

No. found adulterated—None. No. of prosecutions—None.

No. of samples of ordinary milk taken by officers of local authority for :

(a) Methylene blue test—127. (b) presence of tuberculosis—127

Any special examination of milk for dirt, e.g., sedimentation test?—None.

Any instance of disease attributed to milk during 1941?—None.

No. of cowkeepers in district—57. No registered—57.

Total No. of cowsheds—80. Total No. of milk cows—500.

Total No. of cowsheds inspected during the year—80.

Total No. of cowshed inspections—251.

No. of wholesale traders registered—17. No. of retail milk sellers registered—79.

Have any retailers been removed from the Register?—No

Observations as to structural conditions, cleanliness and methods of production and handling of milk—Premises, variable. Methods, some deterioration during the year.

MILK (SPECIAL DESIGNATIONS) ORDERS 1936 and 1938

No. of Licences in force in area
for :—

Samples of designated milks
examined bacteriologically.

		Number Satisfactory.	Number Unsatisfactory.	Total.
(a) Production of "Tuberculin Tested" Milk	0	0	0	0
(b) Production of "Accredited" Milk	9	19	1	20
(c) In respect of Pasteurising plants	1	7	2	9
(d) No. of licences in force for bottling "Tuberculin Tested" or "Accredited" milk, other than at place of production—None.				

MEAT INSPECTION.

Any public abattoir in the district?—No.

Total No. of private slaughterhouses—15.

No. unsatisfactory either as regards structure, position or in other respects—9.

No. of times each slaughter-house inspected—4 minimum

Total inspections—257.

Seizures of unsound food—None. Total weight—N/a. No. of prosecutions—None

Meat surrendered to Officers of the Local Authority after inspection at the Morley Butcher's Allocation Centre on 4 occasions.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Meat Marking: Is scheme in force under above?—No.

If so, give particulars of action under same—N/a.

OTHER FOODS.

No. of samples (other than milk) taken by Officers of L.A. for examination under the Food and Drugs Act, 1938—None.

No. found adulterated—None. No. of prosecutions—None.

No. of Bakehouses in district—37. Total inspections—97.

Are any of bakehouses underground, if so, how many?—None.

SCHOOLS.

Statutory Medical Inspection is carried out by the County Education Authority in most of the district, but that does not relieve the Medical Officer of Health of his duties in regard to sanitation and the prevention of infectious outbreaks in connection with schools.

No. of Schools in district 16. No. visited by M.O.H.—16.

Action taken—Individual exclusion. Schools closed by M.O.H.—None.

General Sanitary Conditions—Good, with exceptions.

SHOPS ACT, 1934, Sections 10 and 13 (3).

No. of visits paid under the above Act during 1941—51.

Unsatisfactory conditions found—8. Remedied—8.

TENTS, VANS, SHEDS, Etc.

No. in district—1.

Is this class of dwelling showing signs of increase?—No.

Have Council made bye-laws under Section 268 (4) Public Health Act, 1936?—No.

SWIMMING BATHS AND POOLS.

Are there in the district: -

Any public swimming baths or pools?—Yes.

Any privately owned swimming baths or pools open to the public?—No.

If so, give brief particulars of each and state what action is taken to ensure satisfactory condition of the water.—Corporation Swimming Baths, first and second class Treatment by filtration and chloramine treatment.

Any samples of bath water examined, in 1941, apart from samples submitted to the County Bacteriological Laboratory. If so, please give particulars—No.

MORTUARIES.

What accommodation—

(a) For accidents—Morley—one.

(b) For infectious cases other than at hospital—See under (c) above.

(c) For other cases—One in each infectious disease hospital.

(d) For post mortem examinations—District and Hospital Mortuaries mentioned above.

Any suggestions by M.O.H.—None.

BYE-LAWS AND REGULATIONS in force in District.

Please give complete list of Byelaws and Regulations in force, and date of adoption in each case—

Common Lodging Houses	...	...	...	...	...	10/9/1888
Prevention of Waste Water, etc.	...	...	...	...	...	14/5/1901
Spitting	...	...	...	...	...	4/7/1904
Offensive Trades	...	...	...	...	...	26/4/1904
Nuisances	...	...	...	...	...	7/6/1904
Admission and Discharge of Patients	...	...	...	...	...	23/4/1907
Drainage of Existing Buildings	...	...	...	...	...	9/4/1926
Regulation of the Emission of Smoke	...	...	...	...	...	5/12/1931
Escape from Fire in Factories and Workshops	...	...	...	...	...	14/1/1932
Public Baths	...	...	...	...	...	7/1/1931
Houses Let in Lodgings	...	...	...	...	...	26/9/1933
Tents, Vans and Sheds	...	...	...	...	...	1933
Employment of Children (Children's Act, 1933)	...	...	...	...	...	1/3/1935
Street Trading (Children's Act, 1933)	...	...	...	...	...	1/10/1935
New Streets and Buildings	...	...	...	...	...	28/11/1939

INFECTIOUS AND OTHER DISEASES.

Diseases specially prevalent in 1941—None.

Any diseases specially added to notifiable list?—None.

Any influences threatening the health of the district?—None.

SANITARY STAFF.

What is the present Annual Salary of the M.O.H. ?—£630 6s 6d.

Name of Sanitary Inspector.	Annual Salary as Inspector.	Other appointments held.	Salary for such other appointments.
F. J. R Batten ...	£385	Diseases of Animals, Cleansing	Included in Annual Salary.
H. N. Roberts ...	£288	—	do.
F. G. Sugden ...	£300	—	—
W. A. Beere ...	£276	—	—

Any assistants ?—One part-time Assistant Medical Officer.

Is staff sufficient ?—Yes.

Does M.O.H receive copies of Memos. and Circulars distributed by Ministry of Health ?—Yes.

SPECIAL REPORTS AND INVESTIGATIONS ON ANY SUBJECTS.

(Please attach copy)—None.

SUPPLEMENTARY REMARKS as to Sanitary requirements of District suggestions of M.O.H., and extended notes on any of the foregoing entries.

Any suggestion as to need for County Clinics or Dispensaries, or as to existing Clinics or Dispensaries.

